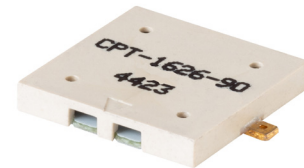
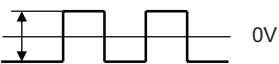


**MODEL:** CPT-1626-90-SMT-TR | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER**FEATURES**

- piezo
- low profile
- tape and reel

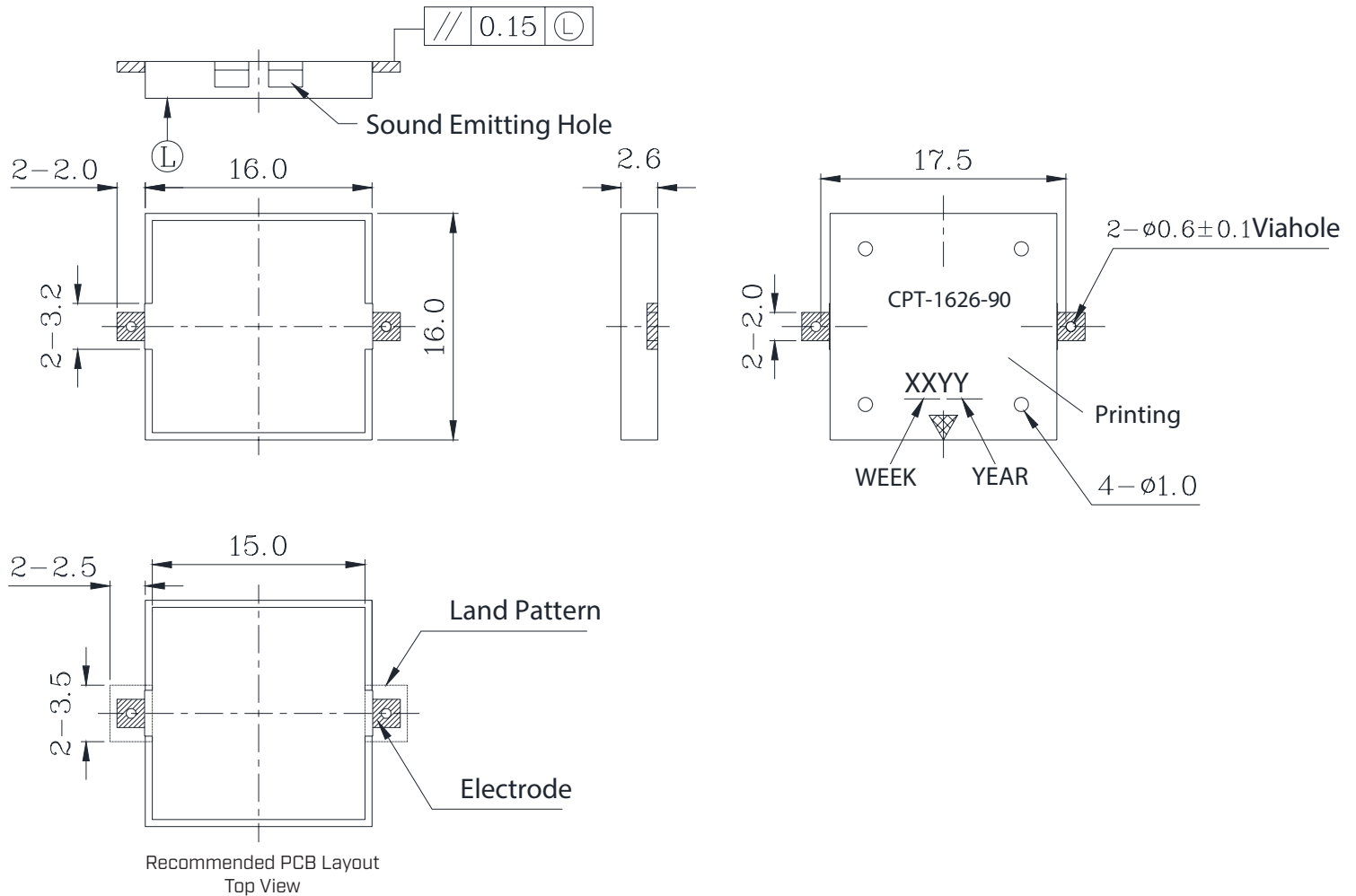
**SPECIFICATIONS**

| parameter                 | conditions/description                                                                    | min    | typ    | max    | units |
|---------------------------|-------------------------------------------------------------------------------------------|--------|--------|--------|-------|
| rated voltage             |  Vp-p 0V |        | 12     |        | Vp-p  |
| operating voltage         |                                                                                           |        |        | 25     | Vp-p  |
| current consumption       | at rated voltage, 4,000 Hz, square wave                                                   |        |        | 15     | mA    |
| rated frequency           |                                                                                           |        | 4,000  |        | Hz    |
| sound pressure level      | at 10 cm, rated voltage, 4,000 Hz, ½ duty square wave                                     | 90     |        |        | dB    |
| electrostatic capacitance | at 1,000 Hz, 1 V                                                                          | 14,000 | 20,000 | 26,000 | pF    |
| dimensions                | 16.0 x 16.0 x 2.6                                                                         |        |        |        | mm    |
| weight                    |                                                                                           |        |        | 0.96   | g     |
| material                  | LCP (white)                                                                               |        |        |        |       |
| terminal                  | surface mount (gold plating)                                                              |        |        |        |       |
| operating temperature     |                                                                                           | -40    |        | 120    | °C    |
| storage temperature       |                                                                                           | -40    |        | 120    | °C    |
| washable                  | no                                                                                        |        |        |        |       |
| RoHS                      | yes                                                                                       |        |        |        |       |

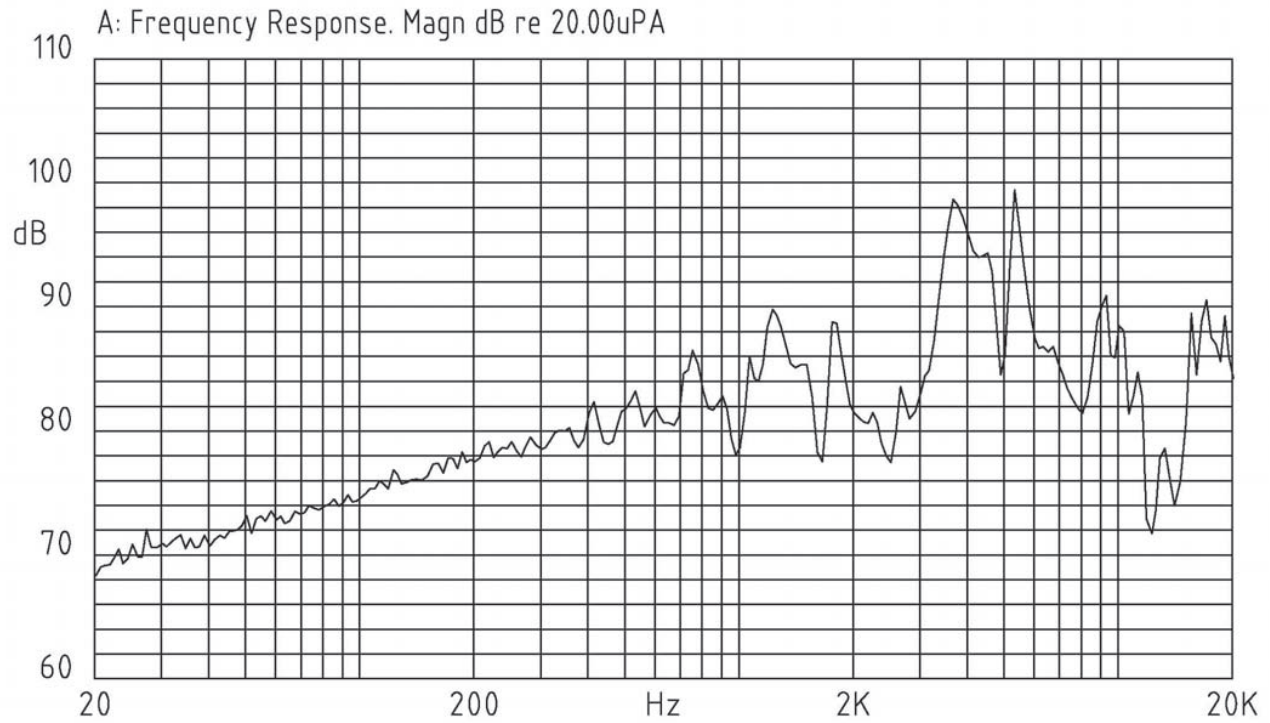
Notes: 1. All specifications measured at 5-35 °C, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.2$  mm



## FREQUENCY RESPONSE CURVE



SOLDERABILITY

| parameter                      | conditions/description      | min | typ | max | units |
|--------------------------------|-----------------------------|-----|-----|-----|-------|
| reflow soldering <sup>4</sup>  | as per IPC/JEDEC J-STD-020C |     | 240 | 245 | °C    |
| drying conditions <sup>5</sup> | bake at 40°C for 24 hours   |     |     |     |       |

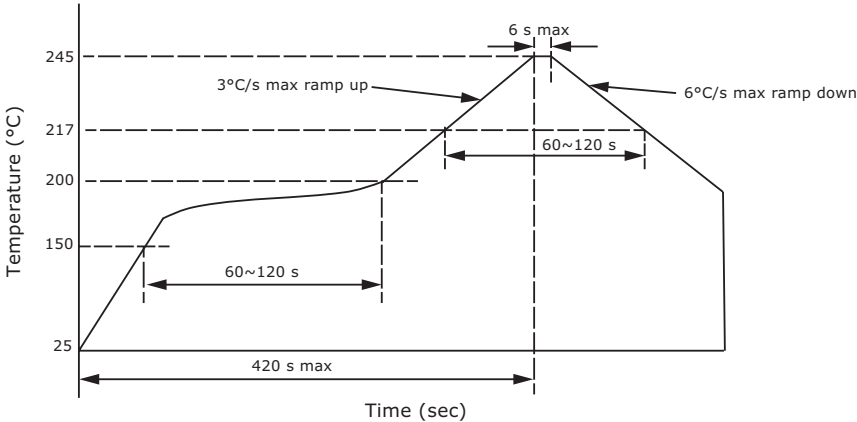
Note:

2. Not suitable for wash process.

3. It is recommended to reflow solder only once.

4. It is recommended to reflow solder within 48 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.

5. When out of packaging for more than 48 hours.

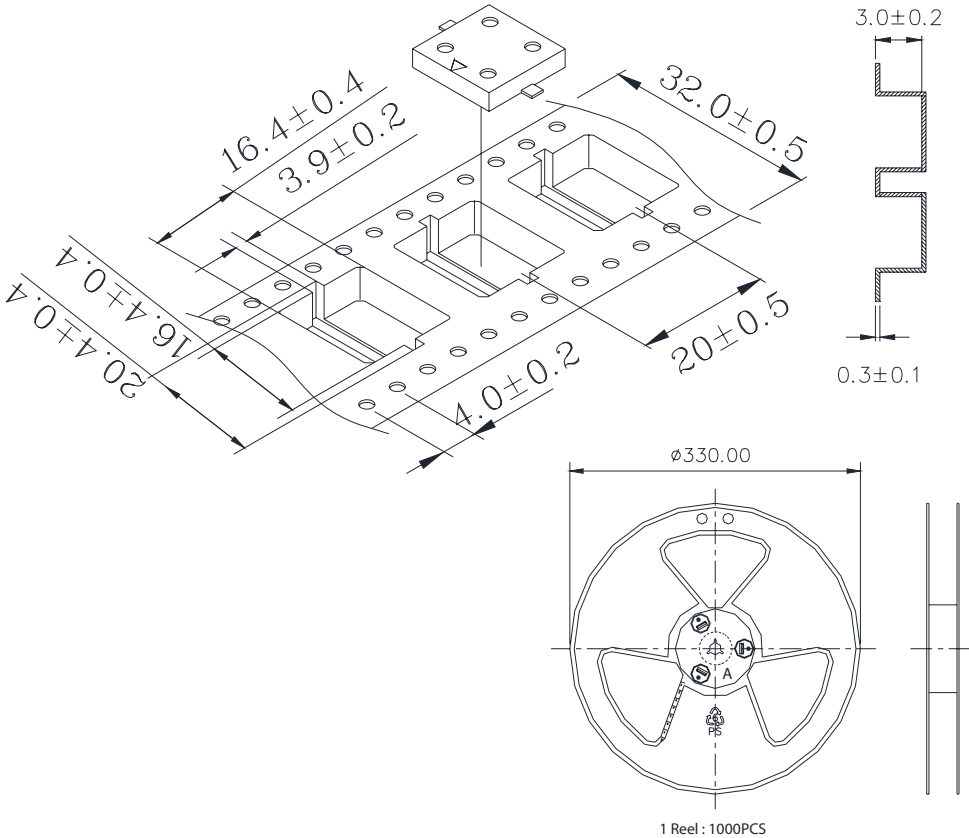


PACKAGING

| parameter                 | conditions/description      | min | typ | max | units |
|---------------------------|-----------------------------|-----|-----|-----|-------|
| reel storage <sup>6</sup> | at relative humidity 15~85% | -10 |     | 40  | °C    |
| MSL                       | Class 5                     |     |     |     |       |
| reel QTY                  | 1,000                       |     |     |     |       |
| carton QTY                | 4,000                       |     |     |     |       |

Note:

6. Recommended floor life (out of sealed bag) at <30°C, 60%RH is 48 hours.



1 Reel : 1000PCS

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